

Title (en)

Encoder with image change detecting

Title (de)

Kodierer mit Bildveränderungsdetektion

Title (fr)

Codeur avec détection de changement d'image

Publication

**EP 1148732 A2 20011024 (EN)**

Application

**EP 01303552 A 20010419**

Priority

JP 2000121637 A 20000421

Abstract (en)

An image change detecting apparatus comprises a differentiating device and a detecting device. The differentiating device differentiates twice a value of an image signal corresponding to a plurality of line-pixels on a single predetermined line, of pixels forming a single static image. The detecting device detects a part sequentially changing in concentration in a partial image including the plurality of line-pixels. The partial image is a part of the static image, when the twice differentiated result is zero. <IMAGE>

IPC 1-7

**H04N 7/26**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1359767A1; NL1022331C2; CN100375534C; CN100375535C; EP2202987A3; EP2202988A3; EP2205000A3; EP2205001A3; NL1028855C; NL1028856C; EP1635577A3; EP2785063A1; EP2785064A1; EP2785065A1; EP2806648A1; EP2950538A1; US8565305B2; US8565306B2; US8582651B2; US8630349B2; US8630348B2; US8634468B2; US8638857B2; US8743960B2; US8798156B2; US8811489B2; US8837596B2; US8842737B2; US8842736B2; US8848796B2; US8848797B2; US8976866B2; US8982954B2; US8982955B2; US9008183B2; US9106889B2; US9106890B2; US9106891B2; US9124890B2; US9860556B2; US9872039B2

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